INDEX TO VOLUME 43

ATTOU, D., see MAUGIN, G. A.	
AUSTIN, D. M., see GREGORY, R. D.	
BENCHEIKH, L. Modified fundamental solutions for the scattering of elastic waves by a cavity	57
BLOOR, M. I. G., see KING, A. C.	
BOOTY, M. R., HOLT, J. B., and MATKOWSKY, B. J. Condensed phase combustion with a merged sequential reaction mechanism	223
Brewster, M. E., see Moore, A. M.	
BUCHWALD, V. T., see Moore, A. M.	
CHADWICK, P., and NORRIS, A. N. Conditions under which the slowness surface of an anisotropic elastic material is the union of aligned ellipsoids	589
COWIN, S. C., see MEHRABADI, M. M.	
DEWYNNE, J. N., MORLAND, L. C., and WATSON, E. J. Weak suction from a channel flow into a circular orifice	517
DURBAN, DAVID. A comparative study of simple shear at finite strains of elastoplastic solids	449
GAUTESEN, A. K., and SABINA, F. J. On the problem of the electrified elliptic disk	363
GERVASIO, C., see SCHULTZ, W. W.	
GIBSON, R. E., and SILLS, G. C. Consolidation due to underpumping an accreting layer of sediment	335
GOGNA, M. L., see SHARMA, M. D.	
GREEN, W. A., and SHI, J. Plane deformations of membranes formed with elastic cords	317
GREGORY, R. D., and AUSTIN, D. M. Scattering of waves by a semi- cylindrical groove in the surface of an elastic half-space	293
GRUNDY, R. E. A mathematical model for rock blasting involving a degenerate nonlinear diffusion equation	173
GRUNDY, R. E., and PELETIER, L. A. The initial interface development for a reaction-diffusion equation with power-law initial data	535
HANSON, M. T., and KEER, L. M. A simplified analysis for an elastic quarter-space	561
HOLT, J. B., see BOOTY, M. R.	
Howison, S. D., see LACEY, A. A.	
KARDOMATEAS, G. A. Bending of a cylindrically orthotropic curved beam with linearly distributed elastic constants	43

KAUSHIK, V. P., see SHARMA, M. D.	
KEER, L. M., see HANSON, M. T.	
KEWEI, Z. Polyconvexity and stability of equilibria in nonlinear elasticity	215
KING, A. C., and BLOOR, M. I. G. Free-surface flow of a stream obstructed	
by an arbitrary bed topography	87
LACEY, A. A., HOWISON, S. D., OCKENDON, J. R., and WILLMOTT, P. Irregular morphologies in unstable Hele-Shaw free-boundary problems	387
LAWRIE, J. B. Surface-tension-driven flow in a wedge	251
MATKOWSKY, B. J., see BOOTY, M. R.	
MARTIN, P. A. On the scattering of elastic waves by an elastic inclusion in two dimensions	275
MAUGIN, G. A., and ATTOU, D. An asymptotic theory of thin piezoelectric	
plates	347
McIVER, P. The scattering of long water waves by a group of submerged, horizontal cylinders	499
MEHRABADI, M. M., and Cowin, S. C. Eigentensors of linear anisotropic elastic materials	15
MOORE, A. M., BUCHWALD, V. T., and BREWSTER, M. E. A Stokesian entry flow	107
MORLAND, L. C., see DÉWYNNE, J. N.	
MUSGRAVE, M. J. P. On the constraints of positive definite strain energy in anisotropic elastic media	605
Norris, A. N., see Chadwick, P.	
OCKENDON, J. R., see LACEY, A. A.	
PAYNE, L. E., and STRAUGHAN, B. Effects of errors in the initial-time geometry on the solution of the heat equation in an exterior domain	75
PELETIER, L. A., see GRUNDY, R. E.	
PHILLIPS, C. G. Heat and mass transfer from a film into steady shear flow	135
RAJAPAKSE, R. K. N. D. A vertical load in the interior of a non-homogeneous incompressible elastic half-space	1
RAWLINS, A. D. Diffraction of an E- or H-polarized electromagnetic plane wave by a right-angle wedge with imperfectly conducting faces	161
REES, D. A. S. The effect of long-wavelength thermal modulations on the onset of convection in an infinite porous layer heated from below	189
SABINA, F. J., see GAUTESEN, A. K.	
SCHULTZ, W. W., and GERVASIO, C. A study of the singularity in the	
die-swell problem	407
SEDDOUGUI, SHARON O. A nonlinear investigation of the stationary modes of instability of the three-dimensional compressible boundary	463
layer due to a rotating disc	467

SHARMA, M. D., KAUSHIK, V. P., and GOGNA, M. L. Reflection and refraction of plane waves at an interface between liquid saturated porous solid and viscoelastic solid

427
SHI, J., see GREEN, W. A.
SIEW, P. F. Magnetic anomalies of cylinders

373
SILLS, G. C., see GIBSON, R. E.
STRAUGHAN, B., see PAYNE, L. E.
WATSON, E. J., see DEWYNNE, J. N.
WILLMOTT, P., see LACEY, A. A.